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Coupling system for data processing units - uses *duplex* transmission via logic level change circuits and four wire line

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Patent Family:

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FR 2404970	A	19790601				197927 B

Priority Applications (No Type Date): FR 7729718 A 19771003

Abstract (Basic): FR 2404970 A

The *coupling* system links two digital data processing units such as the central processor and keyboard/printer of a computer. A *duplex* (4 wire) system is used for simultaneous exchange of data in both directions.

Each emitter/receiver has an adaptor changing its logic levels to those of the other unit using a differential mode. The system includes a *test* network enabling the faulty part to be diagnosed in the event of *failure*. The system enables economical transmission of data in *duplex* over distances up to several thousand metres.

International Patent Class (Additional): H04B-003/50